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AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0036] with the following amended paragraph:

-- According to exemplary embodiments of the invention, controller 210 may include a selection module 211 to select between either frequency-multiplexing modulation method, which may be implemented using modem 220, or spatial-multiplexing modulation method, which may be implemented by modem 230, based on the predetermined criterion, as described in detail below--